1645

#9/AR 11/16/99

PAGE: 1

RAW SEQUENCE LISTING

PATENT APPLICATION US/09/142,613A

DATE: 09/21/1999

TIME: 11:16:58

Input Set: I142613A.RAW

This Raw Listing contains the General Information Section and up to first 5 pages.

1	<110>	APPLIC			GURO	, Ko	ichi		(220	N 8 5			(222	5		11	
2		SATO,								N		R	-	1)		٧	
3		PARK, Jun-Mi															
4		UCHIDA															
5		IMAHOR															
6	<120>														IBOD:	IES AND	METHODS
7		FOR DE	TECTI	NG A	LZHE	IMER	'S D	ISEA	SE W	ITH '	THE	USE (OF T	HE			
8		SAME						.									
9		FILE R															
10		CURREN							09/1	42,6	13A						
11		CURRENT FILING DATE: 1999-04-19															
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18	<400>	SEQUEN			7	~1 ~	~1	Dho	~1	1707	Mot	~1	7.00	TT - ~	77.	Clar	
19 20		Met Al	a Giu	PIO		GIII	GIU	Pne	GIU	10	Met	GIU	Asp	нтэ	15	GIY	
			o The	Tr ex	5	T 011	C1	ħ an	7~~		7 cm	C1n	C1.,	C111		Thr	
21 22		Gln As	b IIII	20	GIY	цец	GIY	ASP	25	пуъ	Asp	GIII	GIY	30	ıyı	IIIL	
23		Met Hi	e Cln		Clar	λαη	Thr	λαn		Clv	T.011	Lare	Clu		Pro	T.OU	
24		Met hi	35		Gly	Asp	1111	40	AIA	СТУ	пец	цуз	45	Ser	FIO	Deu	
25		Gln Th			Glu	Δsn	Glv		Glu	Glu	Pro	Glv		Glu	Thr	Ser	
26		5			014	пър	55	501	O_Lu	014	110	60	DCI	Olu		001	
27		Asp Al	a Lys	Ser	Thr	Pro	Thr	Ala	Glu	Asp	Val	Thr	Ala	Pro	Leu	Val	
28		65				70					75					80	
29		Asp Gl	ı Gly	Ala	Pro	Gly	Lys	Gln	Ala	Ala	Ala	Gln	Pro	His	Thr	Glu	
30					85					90					95		
31		Ile Pr	o Glu	Gly	Thr	Thr	Ala	Glu	Glu	Ala	Gly	Ile	Gly	Asp	Thr	Pro	
32				100					105					110			
33		Ser Le	ı Glu	Asp	Glu	Ala	Ala	Gly	His	Val	Thr	Gln	Ala	Arg	Met	Val	
34			115					120					125				
35		Ser Ly	s Ser	Lys	Asp	Gly	Thr	Gly	Ser	Asp	Asp	Lys	Lys	Ala	Lys	Gly	
36		13					135					140					
37		Ala As	, Gly	Lys	Thr	_	Ile	Ala	Thr	Pro	_	Gly	Ala	Ala	Pro	Pro	
38		145				150					155					160	
39		Gly Gl	ı Lys	Gly		Ala	Asn	Ala	Thr	Arg	Ile	Pro	Ala	Lys		Pro	
40					165					170					175		
41		Pro Al	a Pro	-	Thr	Pro	Pro	Ser		Gly	Glu	Pro	Pro	_	Ser	Gly	
42		_	_	180		_			185	_		_		190		_	
43		Asp Ar		Gly	Tyr	Ser	Ser		Gly	Ser	Pro	Gly		Pro	Gly	Ser	
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RAW SEQUENCE LISTING PAGE: DATE: 09/21/1999 TIME: 11:16:58

PATENT APPLICATION US/09/142,613A

Input Set: I142613A.RAW

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46
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47
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48
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                                                    235
49
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50
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                                                250
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                                           265
53
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54
                                       280
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56
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                                                        300
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58
                               310
                                                    315
59
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60
                           325
                                               330
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62
           Lys Ile Gly Ser Leu Asp Asn Ile Thr His Val Pro Gly Gly Asn
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64
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65
           Lys Lys Ile Glu Thr His Lys Leu Thr Phe Arg Glu Asn Ala Lys Ala
66
                                   375
           Lys Thr Asp His Gly Ala Glu Ile Val Tyr Lys Ser Pro Val Val Ser
67
68
                               390
                                                    395
69
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70
                           405
                                               410
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PAGE: 3

RAW SEQUENCE LISTING

PATENT APPLICATION US/09/142,613A

DATE: 09/21/1999

613A TIME: 11:16:58

Input Set: **I142613A.RAW**

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DATE: 09/21/1999

PATENT APPLICATION US/09/142,613A TIME: 11:16:58 Input Set: I142613A.RAW <223> OTHER INFORMATION: Xaa=phosphothreonine <400> SEQUENCE: 6 146 . 147 Cys Val Ala Val Val Arg Xaa Pro Pro Lys Ser Pro Ser Ser 148 1 5 10 149 <210> SEQ ID NO 7 <211> LENGTH: 12 150 <212> TYPE: PRT 151 152 <213> ORGANISM: Artificial Sequence 153 <220> FEATURE: 154 <223> OTHER INFORMATION: Description of Artificial Sequence: Partial 155 peptide of Tau protein 156 <220> FEATURE: 157 <221> NAME/KEY: PHOSPHORYLATION 158 <222> LOCATION: (7) 159 <223> OTHER INFORMATION: Xaa=phosphoserine 160 <400> SEQUENCE: 7 161 Cys Arg Thr Pro Pro Lys Xaa Pro Ser Ser Ala Lys 162 1 5 163 <210> SEQ ID NO 8 <211> LENGTH: 12 165 <212> TYPE: PRT <213> ORGANISM: Artificial Sequence 166 167 <220> FEATURE: <223> OTHER INFORMATION: Description of Artificial Sequence: Partial 168 169 peptide of Tau protein 170 <220> FEATURE: <221> NAME/KEY: PHOSPHORYLATION 171 <222> LOCATION: (7) 172 173 <223> OTHER INFORMATION: Xaa=phosphoserine 174 <400> SEQUENCE: 8 175 Cys Arg Thr Pro Pro Lys Xaa Pro Ser Ala Ser Lys 176 5 1 1.0 177 <210> SEQ ID NO 9 <211> LENGTH: 12 178 179 <212> TYPE: PRT 180 <213> ORGANISM: Artificial Sequence 181 <220> FEATURE: 182 <223> OTHER INFORMATION: Description of Artificial Sequence: Partial peptide of Tau protein 184 <220> FEATURE: <221> NAME/KEY: PHOSPHORYLATION 185 186 <222> LOCATION: (3) 187 <223> OTHER INFORMATION: Xaa=phosphothreonine 188 <220> FEATURE: 189 <221> NAME/KEY: PHOSPHORYLATION 190 <222> LOCATION: (7) 191 <223> OTHER INFORMATION: Xaa=phosphoserine <400> SEQUENCE: 9 192 Cys Arg Xaa Pro Pro Lys Xaa Pro Ser Ser Ala Lys

5

RAW SEQUENCE LISTING

PAGE:

PAGE: 5 RAW SEQUENCE LISTING DATE: 09/21/1999
PATENT APPLICATION US/09/142,613A TIME: 11:16:58

Input Set: I142613A.RAW

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    244
          <220> FEATURE:
Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
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Sequence Listing to ensure that a corresponding explanation is presented in the <220> to

<223> fields of each sequence which presents at least one n or Xaa.

PAGE:

VERIFICATION SUMMARY
PATENT APPLICATION US/09/142,613A

DATE: 09/21/1999 TIME: 11:16:58

Input Set: I142613A.RAW

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101	W	"N"	or	"Xaa"	used:	Feature	required										Pro		
115	W	"N"	or	"Xaa"	used:	Feature	required	Cys	Pro	Gly	Ser	Pro	Gly	Xaa	Pro	Gly	Ser	Α	
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